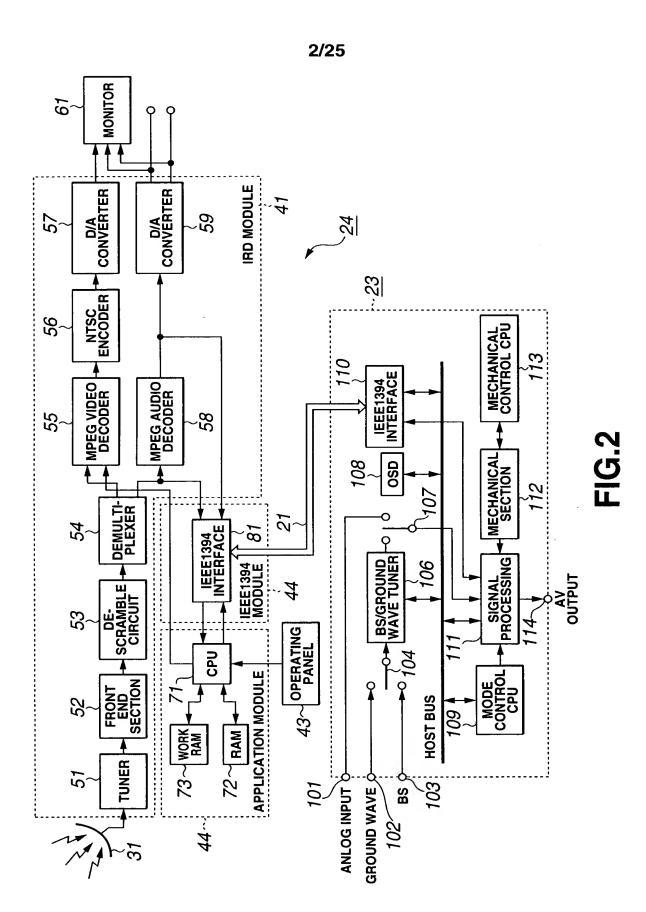


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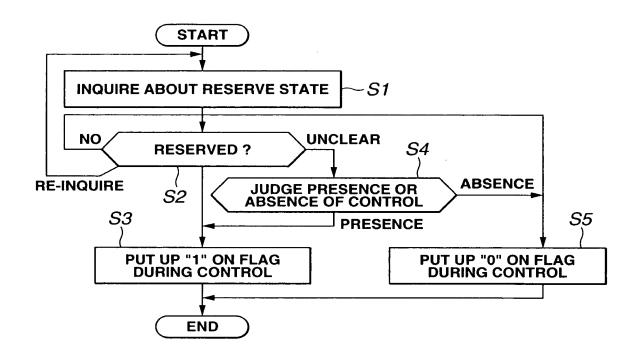


FIG.3

START STATE CHANGE COUNTER 0 ·S9 **DETECTION COUNTER 0 OBTAIN PRESENT MODE INFORMATION** -S10 BY RECEPTION OF AV/C COMMAND AND JUDGE USING STATUS FOR EXAMPLE, IN CASE OF DIGITAL VTR, OBTAIN COUNTER VALUE AND VALUE OF POWER ON/OFF AS MECHANICAL MODE (TRANSPORT STATE) S11-CHANGED S13 **COMPARE WITH PREVIOUS VALUE UNCHANGED INCREMENT STATUS CHANGE COUNTER VALUE BY 1 LEAVE STATUS CHANGE** S12 **COUNTER VALUE** S14-STATUS CHANGE COUNTER VALUE > 5 ? S15 YES DECIDE THAT THE DEVICE IS NOT CONTROLLED S16 BY OTHER CONTROLLER **DECIDE THAT THE DEVICE IS** CONTROLLED BY OTHER CONTROLLER S17-NO FIXED TIME PASSED? YES **DETECTION COUNTER + 1** S18 -S19 **DETECTIONCOUNTER > 6 ∤YES** RETURN

FIG.4

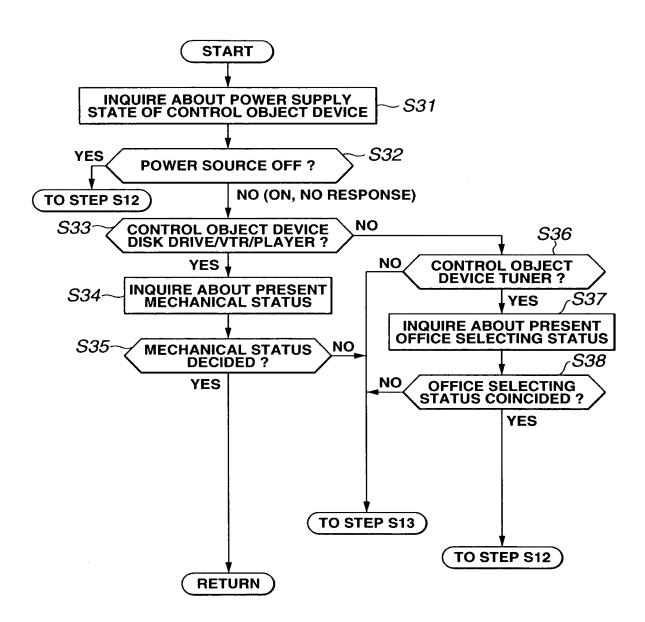


FIG.5

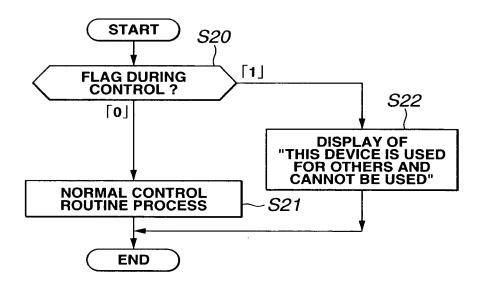


FIG.6

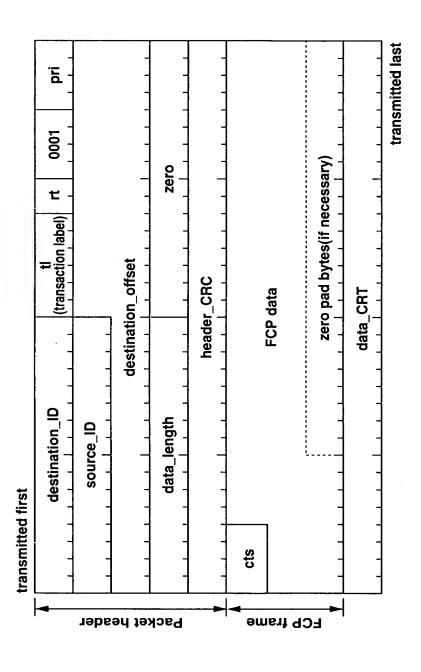


FIG.7

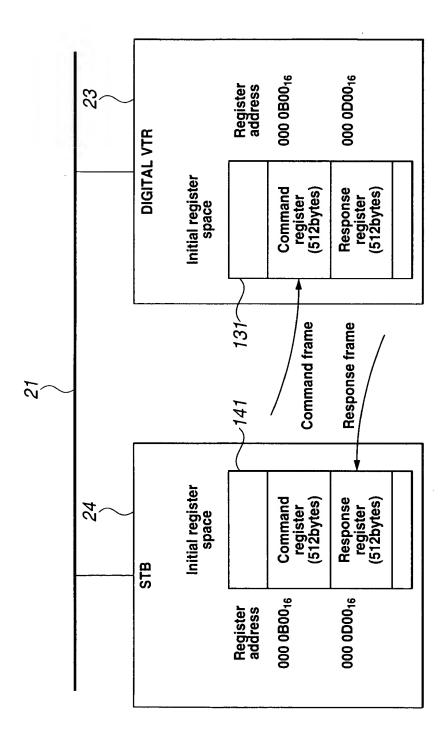
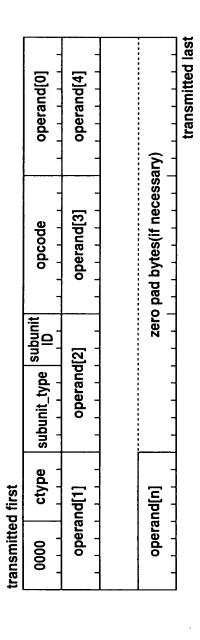


FIG.8



F. C.

transmitted last operand[0] operand[4] zero pad bytes(if necessary) operand[3] opcode response subunit_type subunit operand[2] transmitted first operand[1] operand[n] 0000

FIG.10

Value	Command type
0	CONTROL
1	STATUS
2	SPECIFIC INQUIRY
3	NOTIFY
4	GENERAL INQUIRY
5-7	Reserved for future specification
8-F ₁₆	Reserved for response codes

FIG.11

Subunit type	Meaning
0	Video monitor
1-2	Reserved for future specification
3	disc recorder/player(audio or video)
4	tape recorder/player(audio or video)
5	Tuner
6	Reserved for future specification
7	Video camera
8-1B ₁₆	Reserved for future specification
1C ₁₆	Vendor unique
1D ₁₆	Reserved for all subunit types
1E ₁₆	subunit_type extented to next byte
1F ₁₆	Unit

FIG.12

Subunit type	Meaning
0-4	Instance number
5	subunit_ID extented to next byte
6	Reserved for all instances
7	Ignore

FIG.13

FIG.14

	msb					ds!
epoodo		88	RESERVE(01 ₁₆)	(9		
operand[0]			priority			
operand[1]						
			text			
operand[12]						

Command priority	Stored priority
0-1	priority
02 ₁₆ -0E ₁₆	priority&0E ₁₆
0F ₁₆	priority

FIG.15

	msb				dsl
epoodo		RE	RESERVE(01 ₁₆)	(9	
operand[1]					
			FF ₁₆		
operand[12]					

FIG. 16



Value	Response
0-7	Reserved for command types
8	NOT IMPLEMENTED
9	ACCEPTED
A ₁₆	REJECTED
B ₁₆	IN TRANSITION
C ₁₆	IMPLEMENTED/STABLE
D ₁₆	CHANGED
E ₁₆	Reserved for future specification
F ₁₆	INTERIN

FIG.17

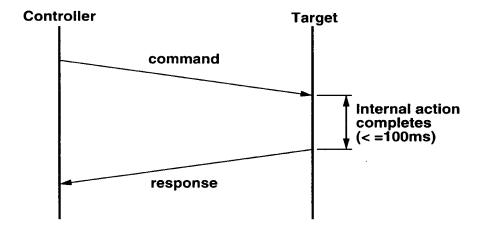


FIG.18

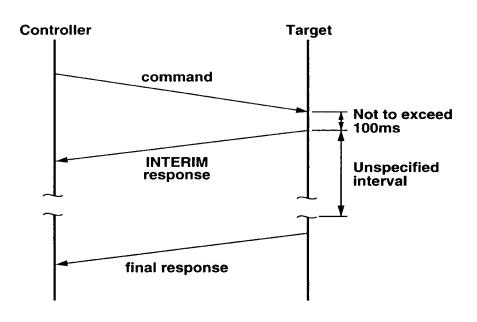


FIG.19

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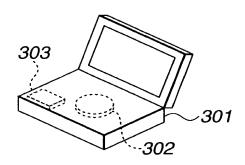
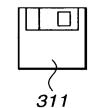


FIG.20A





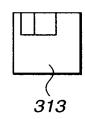




FIG.20B FIG.20C FIG.20D FIG.20E





FIG.20F FIG.20G

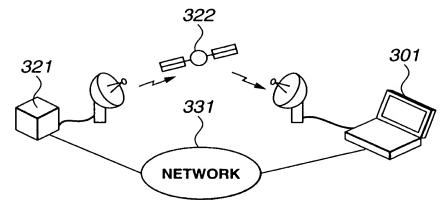


FIG.20H

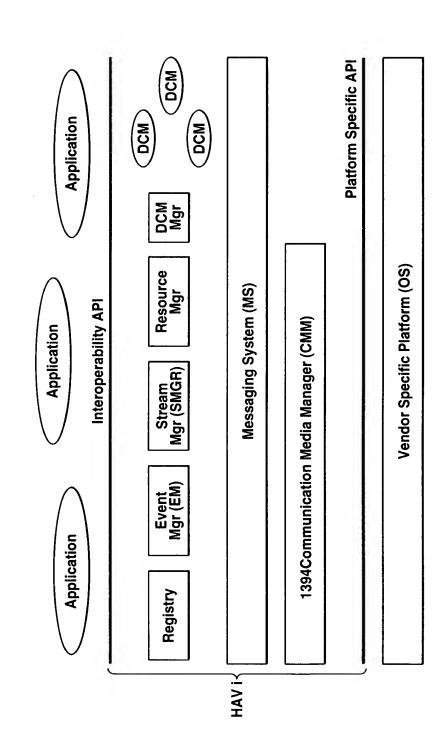
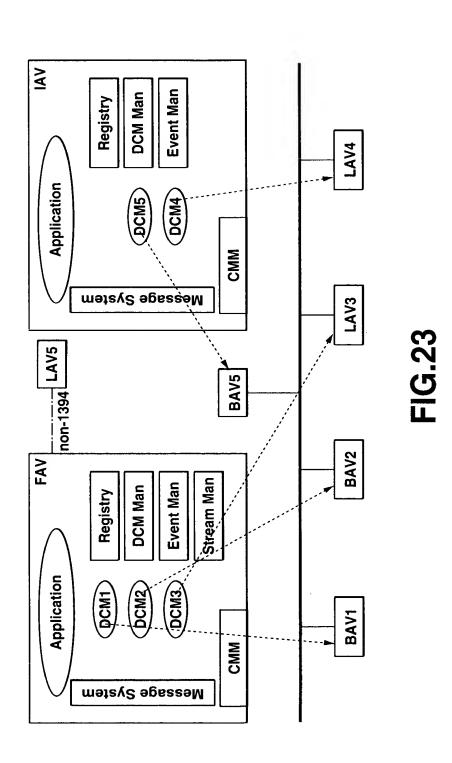


FIG.21

Device Type/Element	FAV	IAV	BAV	LAV
Java Runtime	~			
DDI Controller	[~]	[~]		
Resource Manager	~	[~]		
Stream Manager	~	[~]		
DCM Manager	~	[~]		
Registry	~	~		
Event Manager	~	~		
Messaging System	~	~		
1394Communication Media Manager	~	~		
HAV i SDD data	~	~	~	
DCM	~	[~]	~	~

FIG.22

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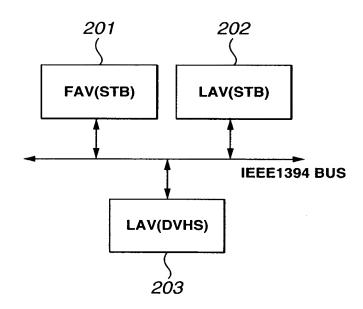


FIG.24

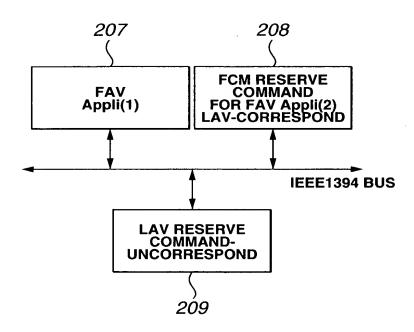


FIG.25

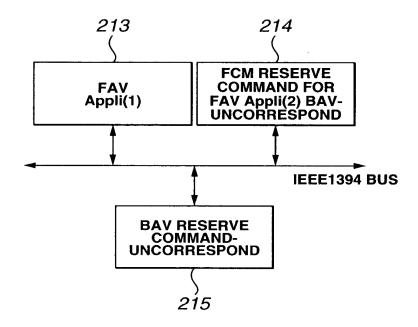


FIG.26

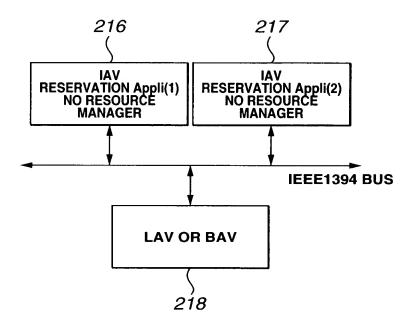


FIG.27